

CONFIDENTIAL

Security Information

14 November 1952

MEMORANDUM FOR THE FILES: Contract XG-578 Task V

FROM :

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SUBJECT :

Engineering Conference Report - Project Task V
HG-1 Hand Generator

REF :

Contract XG-578 with

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1. On November 12, 1952 a Engineering conference was held at the office of [redacted] Those present were:

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[redacted]
Central Intelligence Agency
Central Intelligence Agency

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2. Since the September - October Progress report has been finished and will be received at this Agency within the next few days, no details will be given in this memorandum as they will be fully covered in this Progress report. A general discussion of the report was held and the different kinds of speed changing drives were reviewed. The magnetic speed changer has been abandoned due to lack of efficiency and slippage.

3. [redacted] stated that there were quite a few deficiencies in the design of the present generator and seemed to have a rather poor opinion of the GN-58 in general. He expressed the opinion that it looked like the GN-58 was developed in a hurry, due to war time pressure and that much could be accomplished by a basic redesign of the generator itself. Two faults in particular were, improper centering of the armature in the field, and thick, low efficiency laminations. It was decided to correct as many of these faults as possible in the new model within the same basic generator design. This, of course, is within the scope of their proposal.

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4. Two alternative designs of supporting legs have been made, one being telescoping, and the other articulated. Conferences will be held with the proper personnel within the Agency to determine which of the two types is the most desirable for the conditions under which they will be used.

5. As of this date, there is approximately 3 1/2 months left to finish this Task as set forth in the Proposal of 15 May 1952. It would seem at the present time, that this Task is somewhat behind schedule.

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